

09/673270

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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ernst Eberlein et al.

Serial No.: Not Assigned

Filed: Herewith

For: Method and Apparatus for Fine Frequency  
Synchronization in Multi-Carrier Demodulation  
Systems

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L. McLaughlin  
4.17.97

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This Preliminary Amendment is being filed concurrently with the U.S. national stage entry under 35 U.S.C. § 371 of International Application No. PCT/EP98/02184, which has an International Filing Date of April 14, 1998. Prior to examination and calculation of the filing fees, please amend the national stage application as follows:

IN THE SPECIFICATION:

Please delete the current specification comprising pages 1-40 and 48 (as amended in the International Preliminary Examination Report dated July 19, 2000) and replace it with the accompanying substitute specification.

IN THE CLAIMS:

Please cancel claims 1-18 annexed to the International Preliminary Examination Report dated July 19, 2000, and substitute the following new claims 19-34:

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19. A method of performing a fine frequency synchronization compensating for a carrier frequency deviation from an oscillator frequency in a multi-carrier demodulation system of the type capable of carrying out a differential phase

A1  
cont

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